



THE TRUTH ABOUT CELL TOWERS

Citizens for Safe Technology Society

Who Are We?

Citizens For Safe Technology
is a not-for-profit educational society
made up of parents, grandparents,
teachers, business professionals,
scientists, politicians and lawyers
concerned about the exponential
increase in public exposure to
harmful wireless technologies.



C S T

www.citizensforsafetechnology.org

***ELECTROMAGNETIC POLLUTION** may be the most significant form of pollution this century . . .*



- Electromagnetic pollution may be the most significant form of pollution human activity has produced this century, all the more dangerous because it is invisible and insensible.

Andrew Weil, MD

THE ELECTROMAGNETIC SPECTRUM

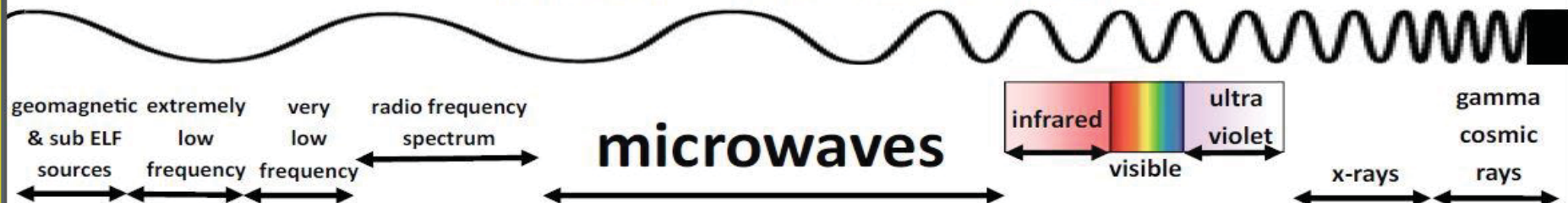
SELF DC 3Hz ELF 3KHz VLF 30KHz LF/ MF/ HF/ VHF/ UHF SHF 3GHz EHF 5GHz 300GHz 430-750THz 30PHz 3EHZ 300EHZ

non-ionizing

ionizing

wavelength

$$f \text{ (frequency)} = C \text{ (speed of light)} / \lambda \text{ (wavelength)}$$



EMF Sources



earth & subways



AC power



CRT monitors



mobile AM/FM



TV



cell towers



cell phones



wireless smart meters



microwave ovens



WiFi



baby monitors



satellites

cordless phones



sunlight



medical x-rays



radioactive sources

Gigahertz (GHz) 10-9 Terahertz (THz) 10-12 Petahertz (PHz) 10-15 Exahertz (EHZ) 10-18 Zetahertz (ZHz) 10-21 Yotahertz (YHz) 10-24

On May 31st, 2011, the World Health Organization classified **radio frequency electromagnetic fields** as a 2b possible cancer risk



What are some other WHO Class 2B Possible Cancer Risks?

****Insecticides** known as:

DDT, Chlordane, Heptachlor, Mirex, Endrin, Toxaphene

- Lead
- Chloroform
- 1,4 Dioxane & Furan – highly toxic industrial by-products
- Dry Cleaning Fluids
- Vinyl Acetate
- Welding Fumes
- Occupational Firefighter Exposure Risk

- Hexachlorobenzene and Hexachlorocyclohexanes - **Fungicides**
- Human Immunodeficiency Virus
- Human Papilloma Virus
- Bitumens
- Diesel
- Engine Exhaust, Gasoline
- Phenobarbital
- Methylmercury compounds
- Naphthalene
- To name just a few.....

International Journal of Oncology

Hardell, August 2013

- **Mobile Phone RF/EMF radiation plays a role both in the initiation and promotion stages of carcinogenesis**
- **RF/EMF should be reclassified as a WHO Group 1 Carcinogen**
- **Current guidelines need to be urgently revised**
- **Rev. Environmental Health 2013**

Entire Population Exposed



- Unlike other public health and environmental issues, such as asbestos, lead, DDT, tobacco and a myriad of chemical exposures, hazards of acute and chronic exposure to electromagnetic fields is of extreme concern to many scientists as the entire population is exposed and at risk.

Does Health Canada's Safety Code 6 protect us?

Thermal Effects vs. Non-Thermal Effects

Effects which cause heating of tissue as in a microwave oven vs the biological effects that occur below that heating threshold.

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**Canada's safety guidelines are for thermal effects ONLY**

The only thing our regulations do is set standards to prevent heating damage to tissue over 6 minutes.

No biological electrical functions considered important – heating effect (cooking) is the concern.

# 1999 Report to Health Canada

## Documented Biological Effects

- “There are documented biological effects to RF fields even at low, non-thermal exposure levels, below Safety Code 6 exposure limits. These biological effects include alterations in the activity of the enzyme ornithine decarboxylase (ODC), in calcium regulation, and in the permeability of the blood brain barrier...” – page 3, Royal Society Report

## 300MHz-300GHz in $\mu\text{W}/\text{cm}^2$ (microwatts/cm<sup>2</sup>)

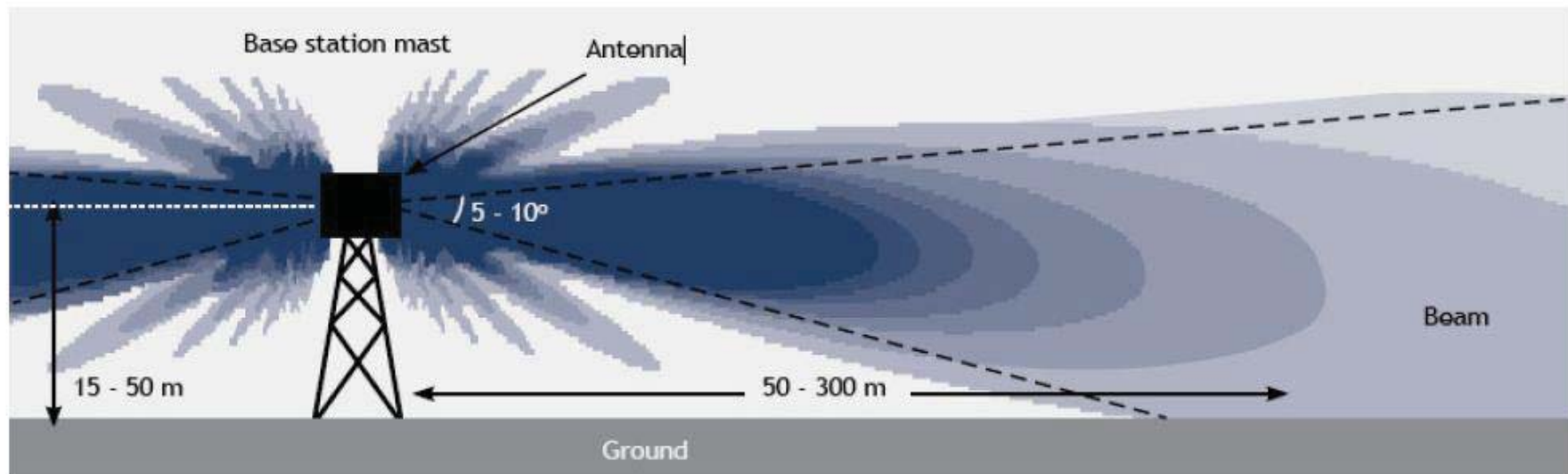
|                                                                  |                    |
|------------------------------------------------------------------|--------------------|
| Canada<br>USA                                                    | <b>1000</b>        |
| China<br>Russia<br>Italy<br>France (Paris)<br>Poland<br>Hungary  | 10                 |
| Switzerland                                                      | 9.5                |
| Belgium (Brussels, Wallonia, Flanders)<br>Bulgaria<br>Luxembourg | 2.4                |
| Lichtenstein                                                     | 0.1                |
| Austria (Salzburg Health Department)<br>Outdoor<br>Indoor        | 0.001<br>0.0001    |
| Cosmic Background                                                | $< 0.000000000001$ |

1 W(Watt) = 1,000 mW (milliWatts)

1 W(Watt) = 1,000,000  $\mu\text{W}$  (microWatts)

1 mW(milliWatt) = 1,000  $\mu\text{W}$  (microWatts) 1 m<sup>2</sup> = 10,000 cm<sup>2</sup> V/m =  $\sqrt{\text{W}/\text{m}^2 \times 377}$

# Radiation Pattern of a Cell Tower Antenna



Propagation of "main beam" from antenna mounted on a tower or roof top

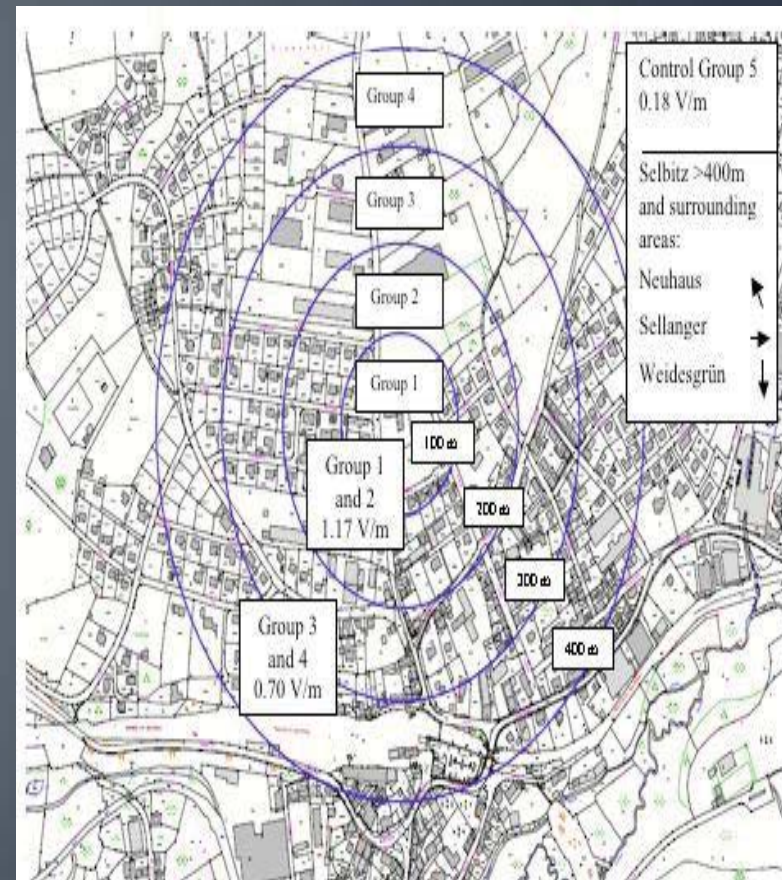
People living within 50 to 300 meter radius are in the high radiation zone (dark blue) and are more prone to ill-effects of electromagnetic radiation

# Eger and Jahn Cell Tower Study, 2010

- **This study shows a significantly increased health risk within 500 metres of cell phone base stations and underscored the inadequacy of the currently accepted exposure limits.**
- **Published & Peer reviewed**

# Increasing incidence of disease around cell towers

- **Within 400 metres**
- **Sleep Problems**
- **Depression**
- **Cerebral symptoms**
- **Infections**
- **Skin problems**
- **Cardiovascular problems**
- **Joint problems**
- **Vision changes/problems**
- **Auditory problems**
- **Hormonal changes**
- **Gastrointestinal problems**
- **Nervousness, Anxiety**



# Death by Neoplasia correlated to cell tower exposure, Brazil Belo Horizonte study, 2011

- 14 times higher mortality rate from neoplasia (abnormal growth of tissue) within 500 meter radius of cell tower base stations



## Long term exposure to cell towers affects Human Hormones

- Hormones Department, Medical Research Division, National Research Centre, Cairo, Egypt, 2011, 6 year study, people 14 to 42
- Assessed exposure to radio frequency radiation (RFR) emitted from cell phones or base stations in relation with human's hormone profiles.
- **RESULTS:** This study showed significant decrease in volunteers' ACTH, cortisol, thyroid hormones, prolactin for young females, and testosterone levels, and revealed RFR effects on pituitary–adrenal axis.

# Thyroid Damage linked to EMR exposure



- **Gazi University, Turkey – June 2010**
- Rats exposed 20 minutes per day for 3 weeks to pulse modulated RF radiation similar to mobile communications can cause pathological changes in thyroid gland by altering gland structure which induces hypothyroidism
- **Tel Aviv University - March 2013**
- Duplicated study shows evidence of change in thyroid cells in response to EMR – irradiated thyroid cells proliferated at much higher rate than control group
- Steep rise in thyroid illness and cancers matches rise in wireless use and increased exposures

# BC CDC confirms Sperm and Fertility Damage from RF exposure – March 2013

- Multiple duplicated peer reviewed scientific studies documenting sperm and fertility damage from RF exposure

## Mobile Phone Radiation Induces Reactive Oxygen Species Production and DNA Damage in Human Spermatozoa *In Vitro*

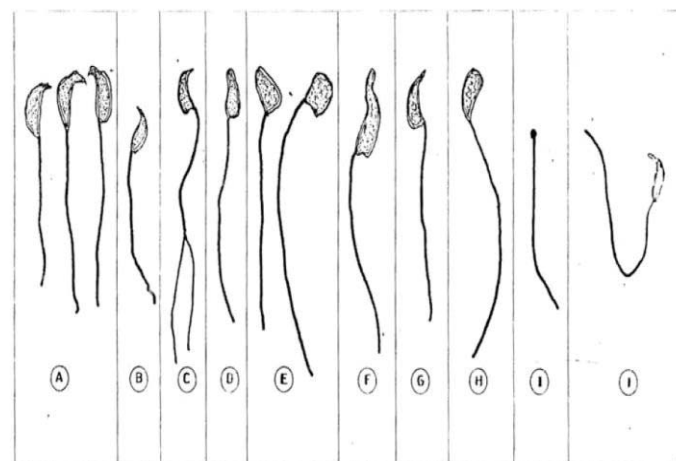
Geoffry N. De Iuliis<sup>1,2</sup>, Rhiannon J. Newey<sup>2</sup>, Bruce V. King<sup>3</sup>, R. John Aitken<sup>1,2\*</sup>

<sup>1</sup>ARC Centre of Excellence in Biotechnology and Development, Callaghan, New South Wales, Australia, <sup>2</sup>School of Environmental and Life Sciences, The University of Newcastle, Callaghan, New South Wales, Australia, <sup>3</sup>School of Mathematical and Physical Sciences, The University of Newcastle, Callaghan, New South Wales, Australia

Bull Environ Contam Toxicol (2010) 84:51–54

53

**Fig. 1** Observed shapes of normal and abnormal heads. (a) normal sperm (b) sperm with no hook (c) two tails (d) knobbed hook (e) amorphous head (f) mean bent hook (g) hook at wrong angle (h) pin-head (i) banana-shaped head after Otubanjo and Mosuro (2001)



# American Academy of Environmental Medicine – RF/EMF Medical Alert 2012

- **RF may be underlying cause of patient's disease and recommends avoiding RF/EMF exposure with these conditions:**
- **Neurodegenerative** – Parkinsons, Alzheimers, ALS
- **Neurological** - Headaches, depression, fatigue, anxiety, sleep & memory disruptions, tremors, dizziness, ADD, vision changes
- **Muskoloskeletal** – pain, tightness, spasm, fibrillation
- **Pulmonary** – chest tightness, dyspnea, decreased function
- **Gastrointestinal** – nausea, irritation
- **Ocular, Oral, Dermal**
- **Autonomic Nervous System Dysfunction**
- **Fetal Abnormalities and Pregnancy**
- **Genetic Defects and Cancer**
- **Liver and Genitourinary diseases**

## BioInitiative Report 2012 – 2800 scientific studies reviewed by 29 scientific experts

- **LOW EXPOSURE LEVELS ARE ASSOCIATED WITH BIOEFFECTS AND ADVERSE HEALTH EFFECTS FROM CELL TOWER RFR**
- ...new cell tower studies are reporting bioeffects in the range of 0.003 to 0.05  $\mu\text{W}/\text{cm}^2$  at lower levels than reported in 2007.
- Researchers report headaches, concentration difficulties and behavioral problems in children and adolescents; and sleep disturbances, headaches and concentration problems in adults. Public safety standards are 1,000 – 10,000 or more times higher than levels now commonly reported in mobile phone base station studies to cause bioeffects.

# BioInitiative 2012 Summary for Public – States RFR is Class 1 Human Carcinogen

- Overall, these 3,800 studies report abnormal gene transcription;
- genotoxicity and single-and double-strand DNA damage ;
- stress proteins because of the fractal RF-antenna like nature of DNA;
- chromatin condensation and loss of DNA repair capacity in human stem cells;
- reduction in free-radical scavengers - particularly melatonin;
- neurotoxicity in humans and animals;
- carcinogenicity in humans;
- serious impacts on human and animal sperm morphology and function;
- effects on offspring behavior; and effects on brain and cranial bone development in the offspring of animals that are exposed to cell phone radiation during pregnancy.
- This is only a snapshot of the evidence presented in the BioInitiative 2012 updated report.



# Radiation Hazards from Cell Phones/Cell Towers

Prof. Girish Kumar

Electrical Engineering Department

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[gkumar@ee.iitb.ac.in](mailto:gkumar@ee.iitb.ac.in)

# India relocates 300 cell towers, eliminates others in sensitive locations – June 2013

- Relocate towers away from residential areas
- Eliminate towers on top of hospitals and institutional buildings
- Government action to reduce health risks to population

## Melatonin Reduction

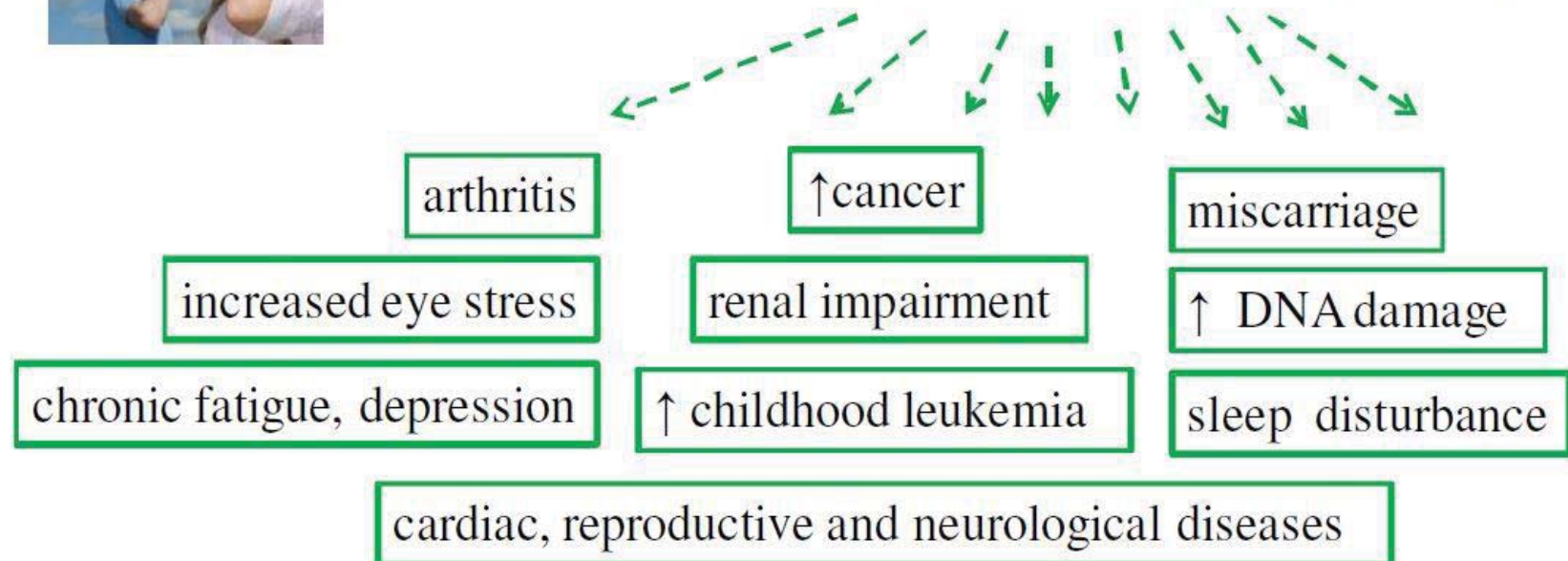
Powerful antioxidant, antidepressant and immune system enhancer that regulates circadian rhythm.



> 25 min/day –  
Prolonged use

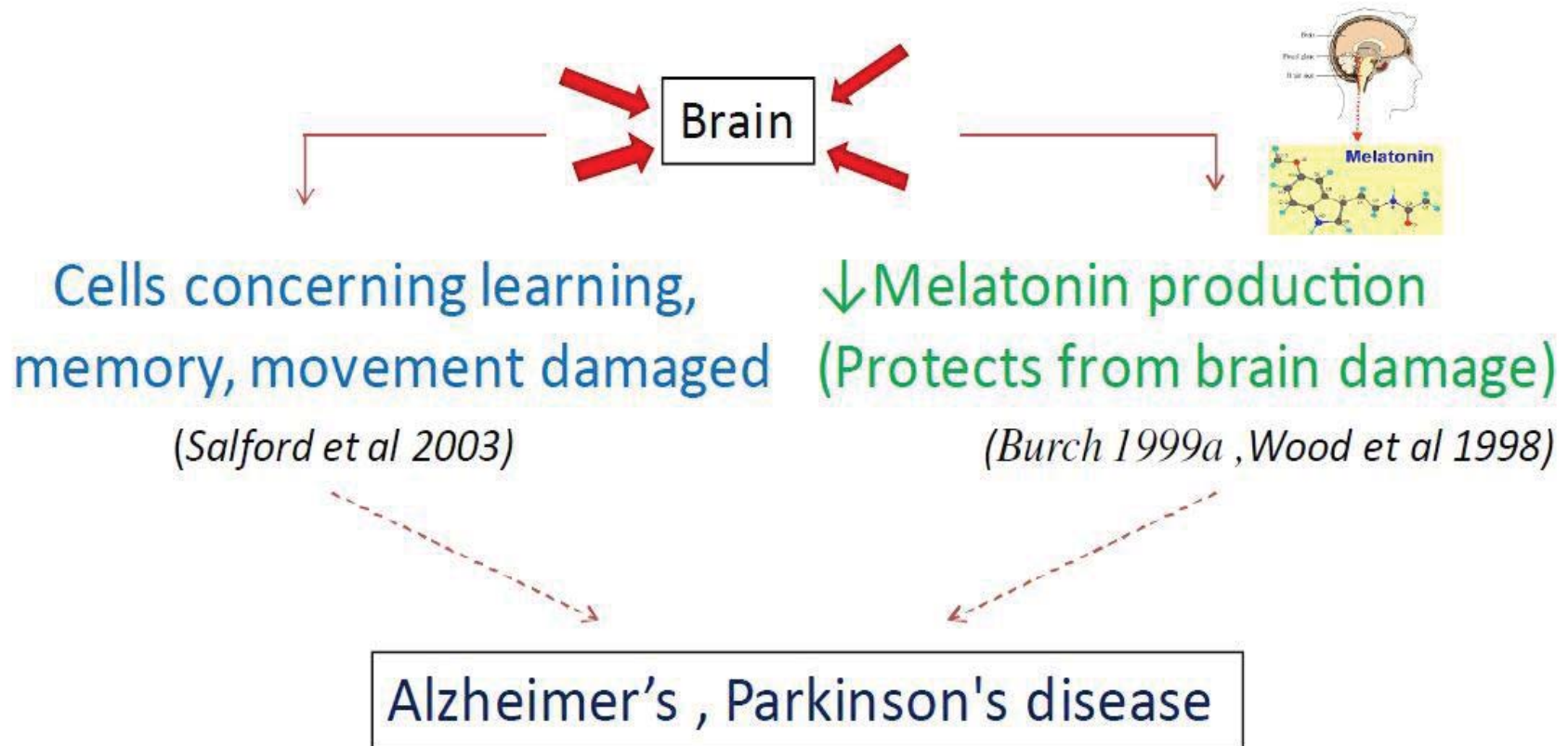
➔ **↓ Melatonin production**

*(Burch 1997, 2002, Graham C 2000)*



# Alzheimer's , Motor neuron, Parkinson's disease

- 4 times incidence of Alzheimer's disease (*Hakansson et al 2003*)
- 3 times amyotrophic lateral sclerosis (ALS) (*Savitz et al 1998*)



## Effect on Skin



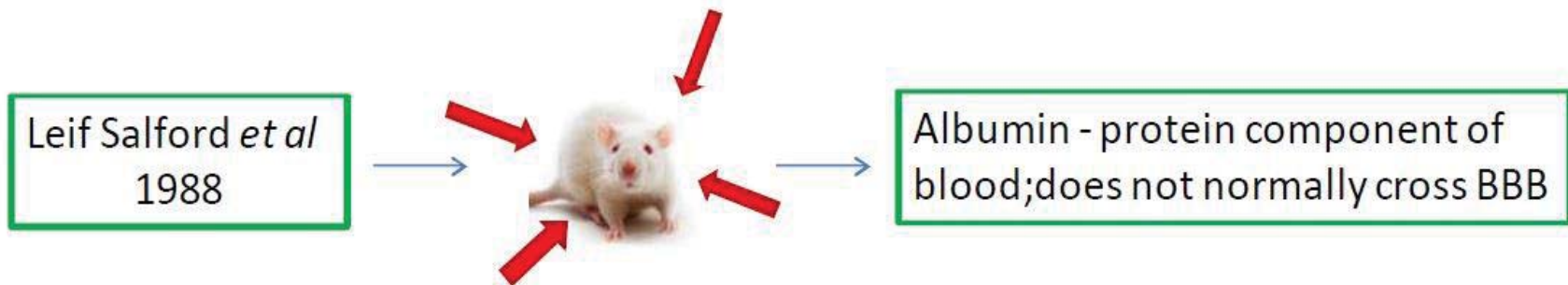
- ✓ Rashes /sores – redness of skin
- ✓ crawling, biting and stinging sensations
- ✓ granules, threads or black speck-like materials on or beneath the skin.

❑ Alters protein expression in endothelial cell lines and affect skin structure, (↑ed *transtyretin* protein conc.)

❑ May enhance development of skin tumours.



**Blood Brain Barrier** -selectively lets nutrients pass through from the blood to the brain, but keeps toxic substances out.



- Albumin in brain tissue - Damaged blood vessels & lost brain protection
- Neuron - Grouped & shrunken with loss of internal cell structures.

**NOTE:** BBB in is the same in a rat and a human being.

## Tinnitus and Ear Damage



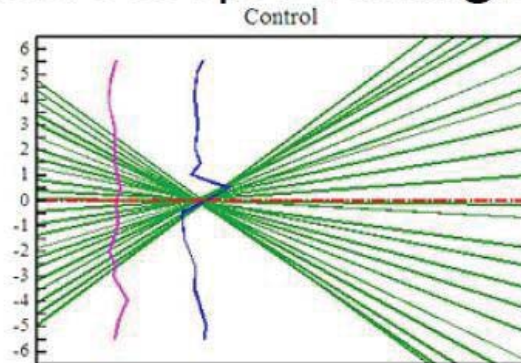
**Tinnitus or “Ringxiety”**- sensation of cell phone ring – in millions of cell phone users. People with severe tinnitus may have trouble hearing, working or even sleeping.

**Warm sensation/pain > tinnitus > irreversible hearing loss**

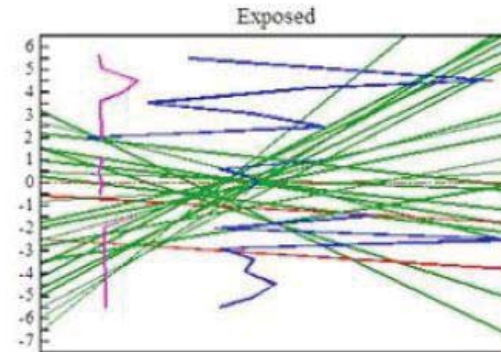
- ❑ Damage the delicate workings of the inner ear.
- ❑ Patients, 18-25 yrs of age - damaged hair cells by RFR from phones. Hearing problems occur because these cells do not regenerate

## Effect on Eye/ Uveal Melanoma

### (A) Macroscopic Damage

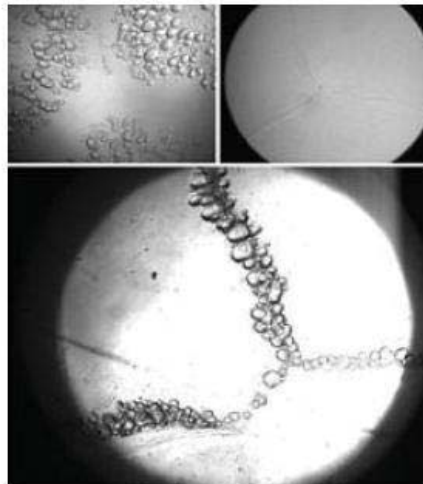


Good quality lens



Exposed lens-ability to focus the laser beam at the various locations is altered.

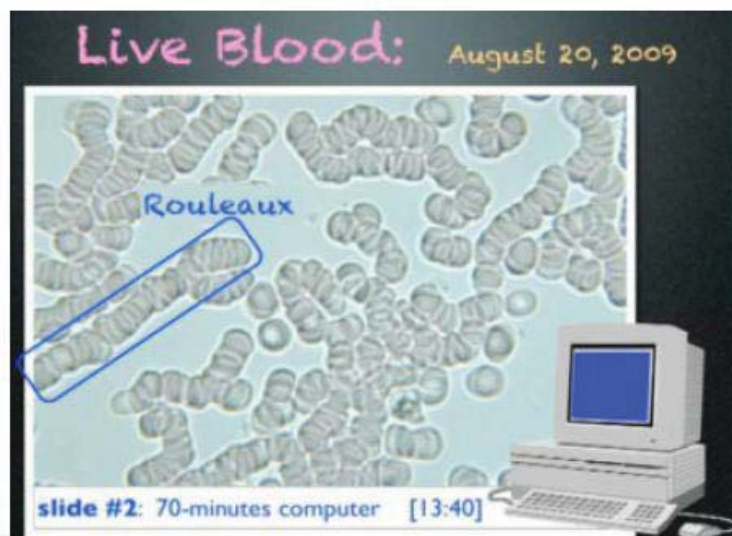
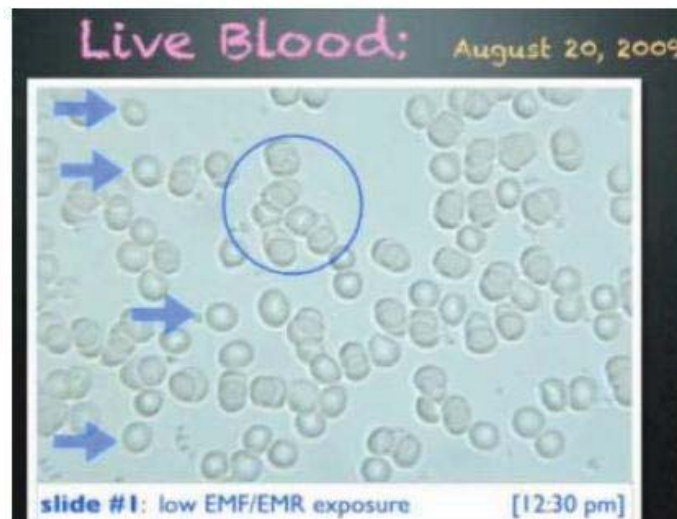
### (B) Microscopic Damage



Tiny "bubbles" created due to microscopic friction between particular cells exposed to EMR. Contrary to macroscopic damage, the microscopic damage does not heal and accumulates with time.

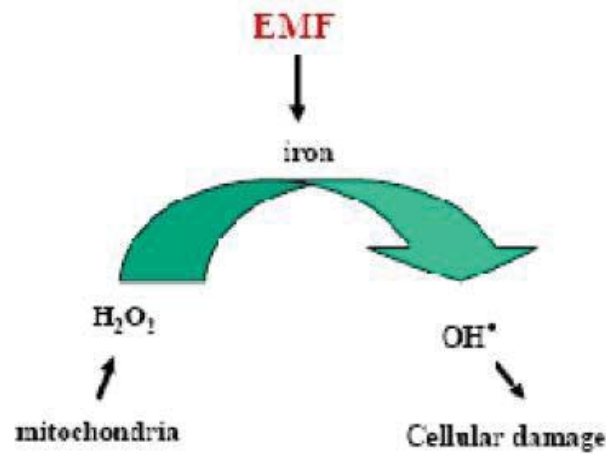
**Right frame** - Control lens with no damage.  
**Bottom frame** - demonstrates the effect of microwave radiation on bovine lens sutures .

# Live Blood Cells and Electromog



### 3) Free radical formation inside cells:

- ❑ ↑ free radical activity in cells from EMF via Fenton rxn.
- ❑ Free radicals kill cells by damaging macromolecules, such as DNA, protein and membrane.



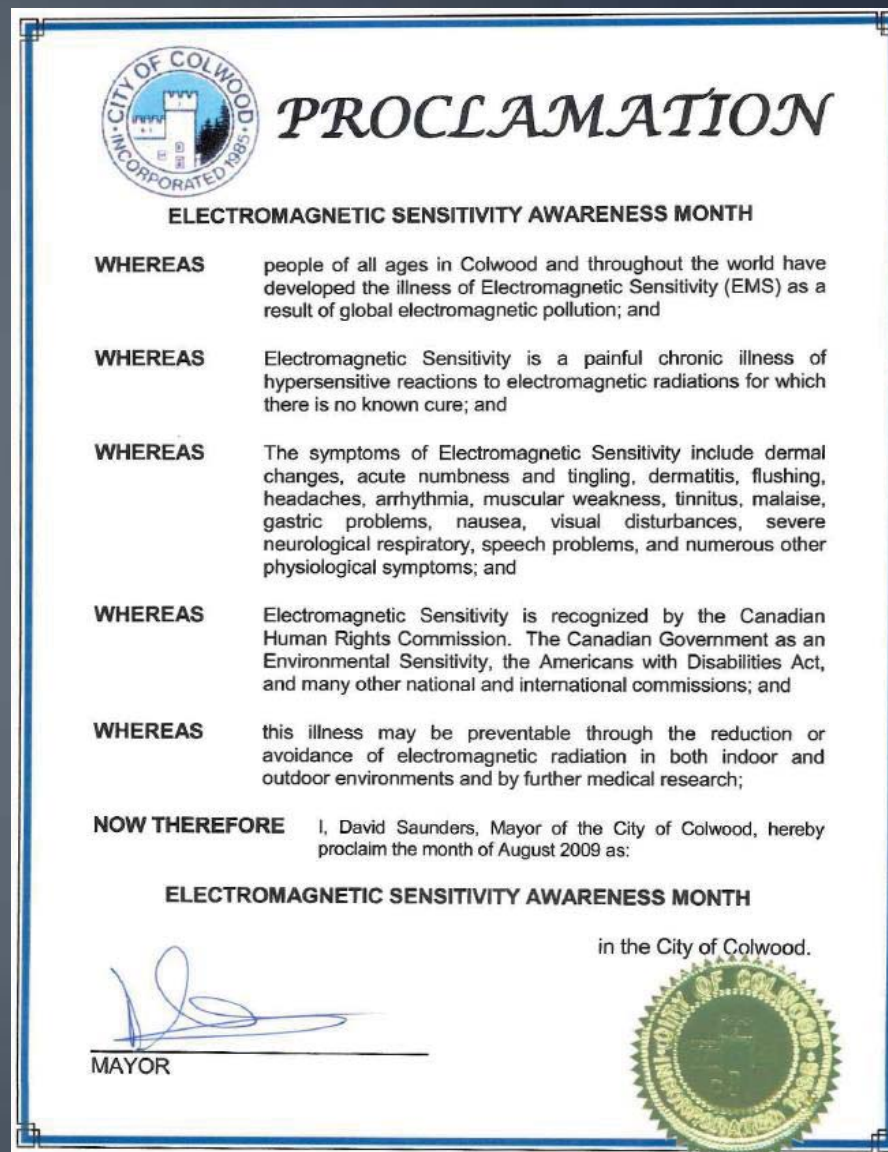
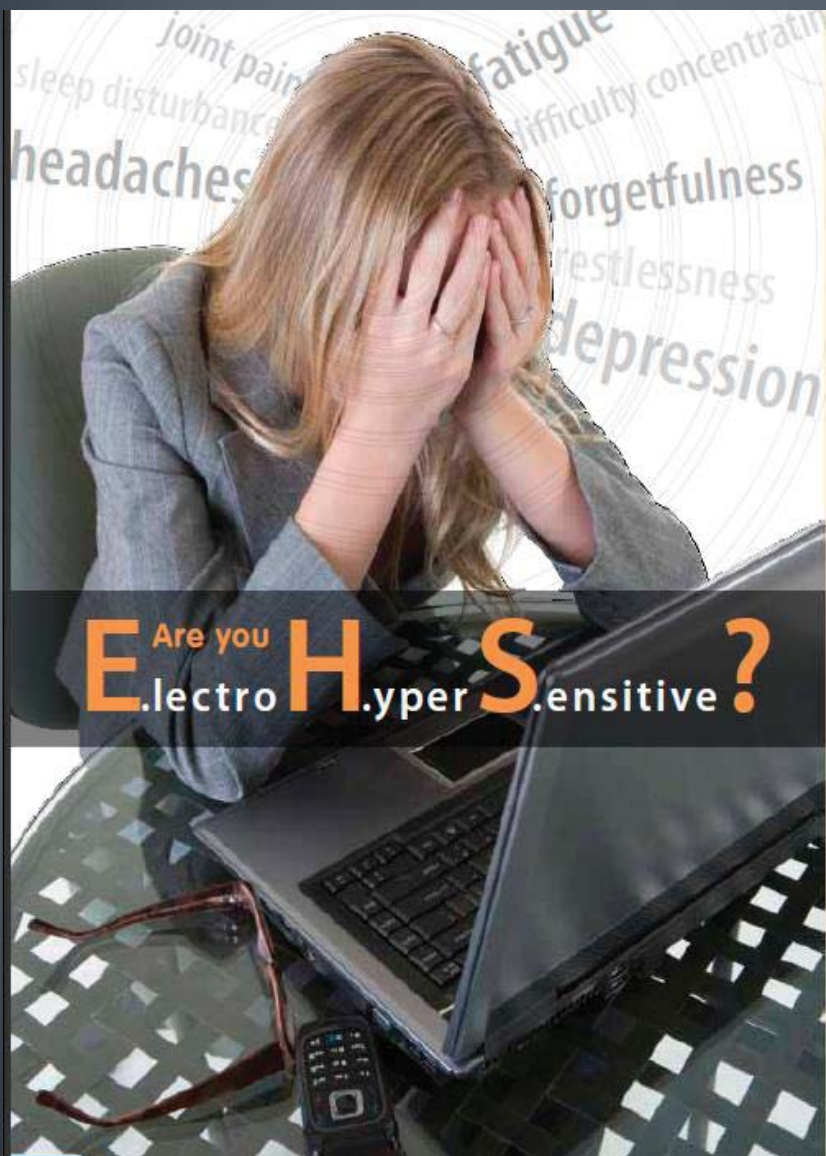
THE FENTON REACTION

When Damage to DNA > Rate of DNA repaired, there is the possibility of retaining mutations and initiating cancer

## In addition to cancer.....

- In addition to cancer, those who live within 300 to 400 meters from cellular base stations may experience symptoms of electrohypersensitivity (EHS).
- Early signs include insomnia, headaches, difficulty concentrating, discomfort, depression, anxiety, chronic fatigue and/or chronic pain in joints and other areas.
- Dr. Magda Havas
- Trent University

# A slow sickening from microwave radiation



# What are common reported symptoms of ELECTROSENSITIVITY?

- Headaches, Migraines
- Insomnia, Difficult Sleep
- Racing & Irregular Heart
- Agitation, Anxiety, Panic Attacks
- Tinnitus, Ringing in ears
- Dizziness, Vertigo
- Skin rashes
- Nausea & Vomiting
- Digestive problems easily confused with IBS
- Poor blood sugar regulation
- Nose bleeds ( esp. children)
- Flushing
- Painful teeth and bleeding gums
- Memory loss, confusion
- Inability to concentrate
- Extreme fatigue
- Pain in joints, muscles
- Depression, Mood changes
- Visual disruptions
- Shortness of Breath, Asthma like symptoms
- Sharp stabbing pains in head
- Tingling, prickling skin or pain
- Easily confused with Fibromyalgia/Chronic Fatigue symptoms
- Pains in the eyes

# News from Occupational Safety, February 23, 2013 – EHS award

- Australian Federal Government has awarded Dr. Alexander McDonald compensation under Safety, Rehabilitation and Compensation Act **for wireless exposures causing electromagnetic hypersensitivity syndrome.**
- The award is based on Dr. McDonald's disabling EHS symptoms of depression, nausea, disorientation & headaches which **resulted in permanent impairment.**
- Similar to Worksafe BC



## Children and Cancer

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### CHILDREN ARE NOT LITTLE ADULTS



*Raphael, National Gallery of Art, Washington, DC*

1. Different and unique exposures
2. Dynamic developmental physiology
3. Longer life expectancy
4. Politically powerless

# 1999 Report to Health Canada: **Susceptible Populations**

- **“There is ample evidence that children or other subpopulations (such as pregnant women or the elderly) can be more susceptible to the effects of exposure to chemical and radiological hazards than healthy, young adults. page 4, Royal Society Report**

**CELL PHONES**



**APPLIANCES**



**COLLECTORS**



**CELL TOWERS**



**GAS**



**HYDRO**



**BABY MONITORS**



**WATER**



**CORDLESS PHONES**

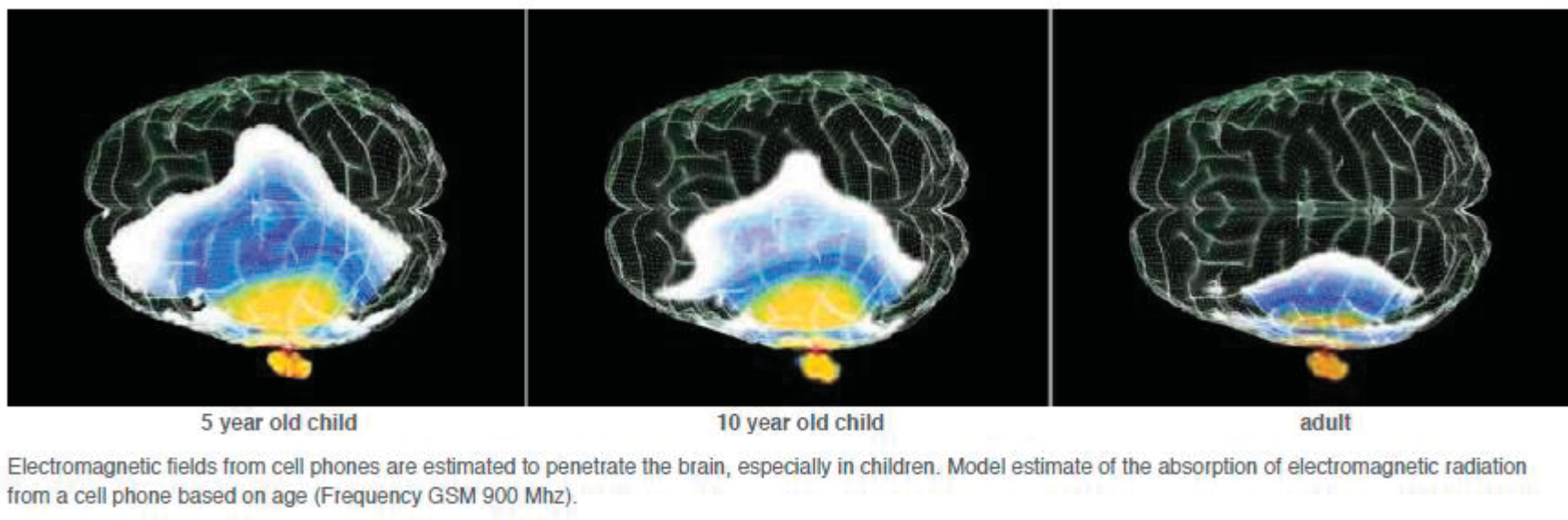


**ROUTERS**



# Children's brains absorb higher radiation

- Children's brains absorb higher radiation from RF-EMF emissions than adults due to smaller head, thinner skull bone, higher conductivity of brain tissue.
- Carlberg/Hardell, Pathophysiology July 2012



# Many warnings - unborn babies & children

## **American Academy of Environmental Medicine, April 2012**

- Children at particular risk – “altered brain development, and impaired learning and behaviour”

## **Journal of Neuroscience Research, August 2009**

- Studies show clear and serious detrimental effects on brains of unborn babies

## **Pediatric and Adolescent Medicine, August 2011**

- 626 Children followed for 13 years –EMF exposure in pregnancy may increase risk of asthma

# American Academy of Pediatrics

## December 2012

- Children disproportionately impacted by cell phone radiation
- RF Energy deposition in brain of child is 2 times higher than adult and 10 times higher in bone marrow
- Standards based on the impact of adult male are not based on safeguarding younger and vulnerable populations

# Environment & Human Health, Inc.

## February 2012

- Significant health risks to children & pregnant women
- Human brain especially susceptible to irreversible damage
- Nervous systems changes include **diminished learning and reaction time, decreased motor function, reduced memory accuracy, hyperactivity and diminished cognition**

- Lead Author:  
John Wargo, PhD,  
Professor of  
Environmental Risk and  
Policy at Yale



HARVARD MEDICAL SCHOOL

Martha R. Herbert, Ph.D., M.D.  
*Assistant Professor, Pediatric Neurology*  
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- **DEVELOPMENTAL DISABILITIES & AUTISM - 2012**
- Dr. Martha Herbert, PhD, M.D., specialist in neurodevelopmental and autism spectrum disorders, states:
- “The claim ...that the only concern is thermal impacts is now definitively outdated scientifically”
- “..thousands of papers document adverse health and neurological impacts.. children are more vulnerable..”
- “EMF/RFR from wifi and cell towers can exert a disorganizing effect on the ability to learn and remember, and can also be destabilizing to immune and metabolic function.”

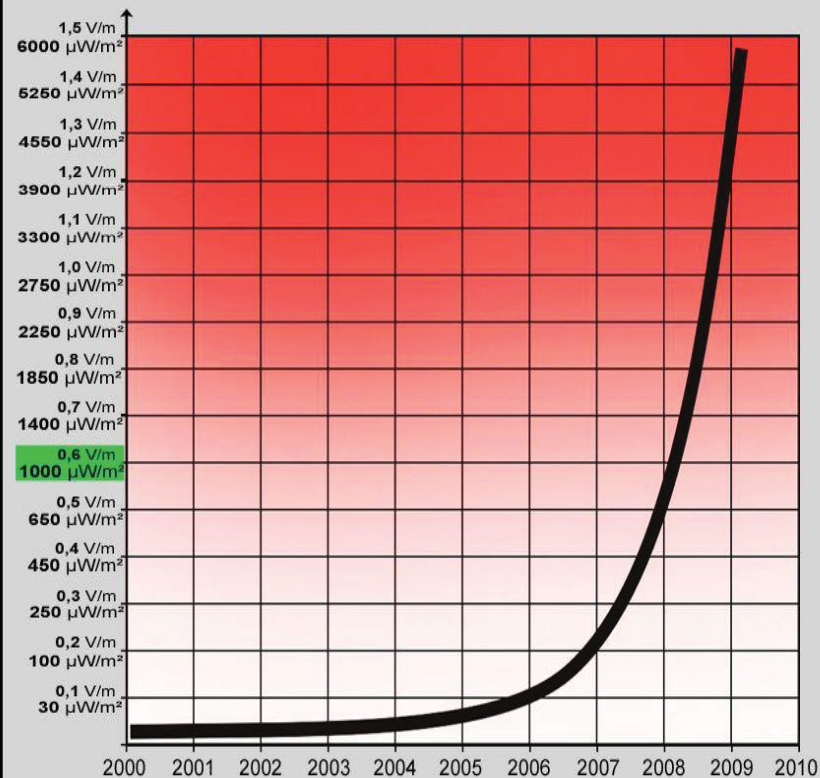
# Autism and RF Exposure – 2013

- “DNA damage, immune and blood–brain barrier disruption, cellular and oxidative stress, calcium channel, disturbed circadian rhythms, hormone dysregulation, and degraded cognition, sleep, autonomic regulation and brainwave activity all have commonalities between ASCs and EMF/RFR, and the disruption of fertility and reproduction associated with EMF/RFR may also be related to the increasing incidence of ASCs. All of this argues for reduction of exposures now....
- - Dr Martha Herbert, Harvard Medical School
- Pathophysiology 20, 2013

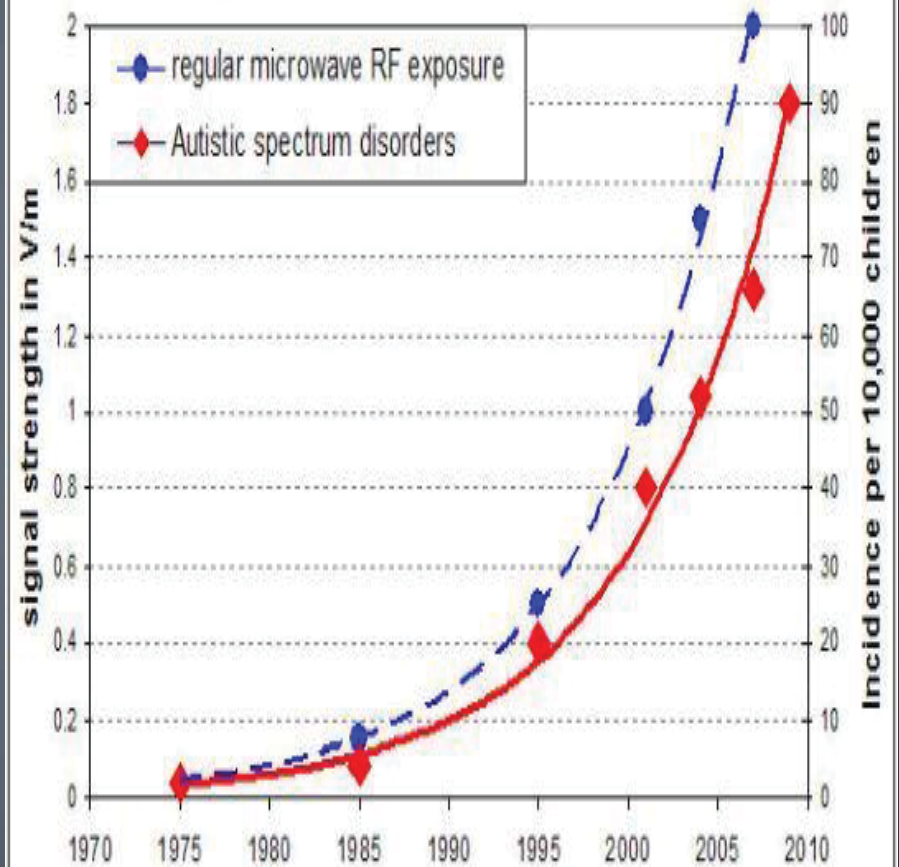
# Increases in RF Exposure and Autism

🇬🇧 Average increase observed in urban area of artificial HF microwave radiation from 900 MHz - 2.5 GHz

🇫🇷 Valeur moyenne constatée en milieu urbain de l'irradiation artificielle HF micro-onde de 900 MHz - 2,5 GHz

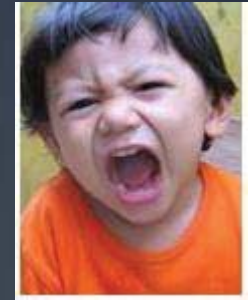


Autistic spectrum disorders and typical child RF exposures



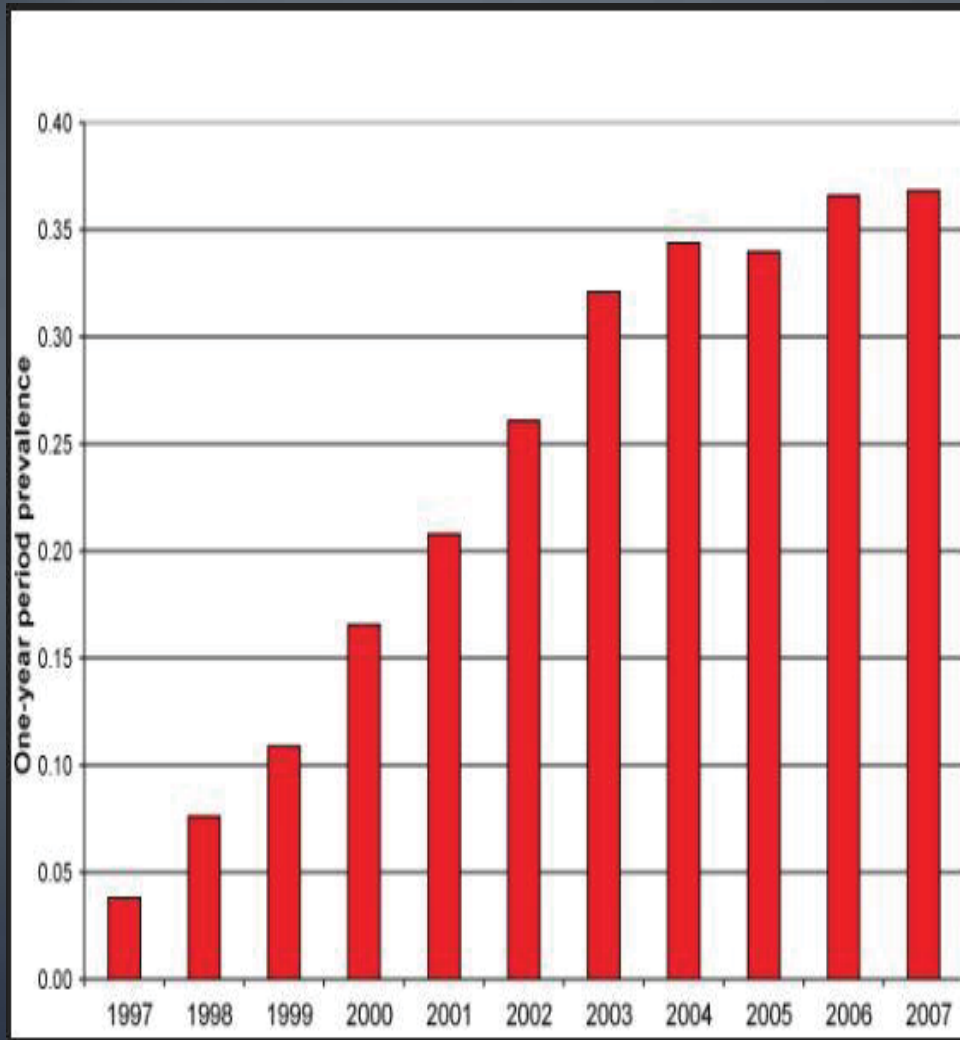
# Are there unique childhood issues?

- Published Epidemiology Journal 2008
- UCLA & Aarhus University, Denmark
- Giant study – 13,159 children



- **Mothers who used cell phones were 54 per cent more likely to have children with behavioural problems and that the likelihood increased with the amount of potential exposure to the radiation (CUMULATIVE). And when the children also later used the phones they were, overall, 80 per cent more likely to suffer from difficulties with behaviour. They were 25 per cent more at risk from emotional problems, 34 per cent more likely to suffer from difficulties relating to their peers, 35 per cent more likely to be hyperactive, and 49 per cent more prone to problems with conduct.**

# Teen anxiety - drug increases





**BEES, BIRDS AND MANKIND**  
Destroying Nature by 'Electrosmog'

## Honey Bees -



### Colony Collapse Disorder (CCD):

- Abrupt disappearance of bees.
- Cannot find their way back to hive due to disruption in intercellular communication.

CCD has hit – US (up to 70 %), England (54% fall), Germany, Spain, Italy, Switzerland, Greece, Scotland, Wales, Kerala etc

### Abrupt disappearance of bees in US

- 1/4<sup>th</sup> (about 2.4 million colonies) lost to CCD.
- **Loss** projected to **\$8-12 billion** on US agricultural economy.
- US now regularly imports bees from Australia and China.
- ❖ Bees are vital pollinators for agriculture. With vanishing of bees, a major food crisis could ensue .

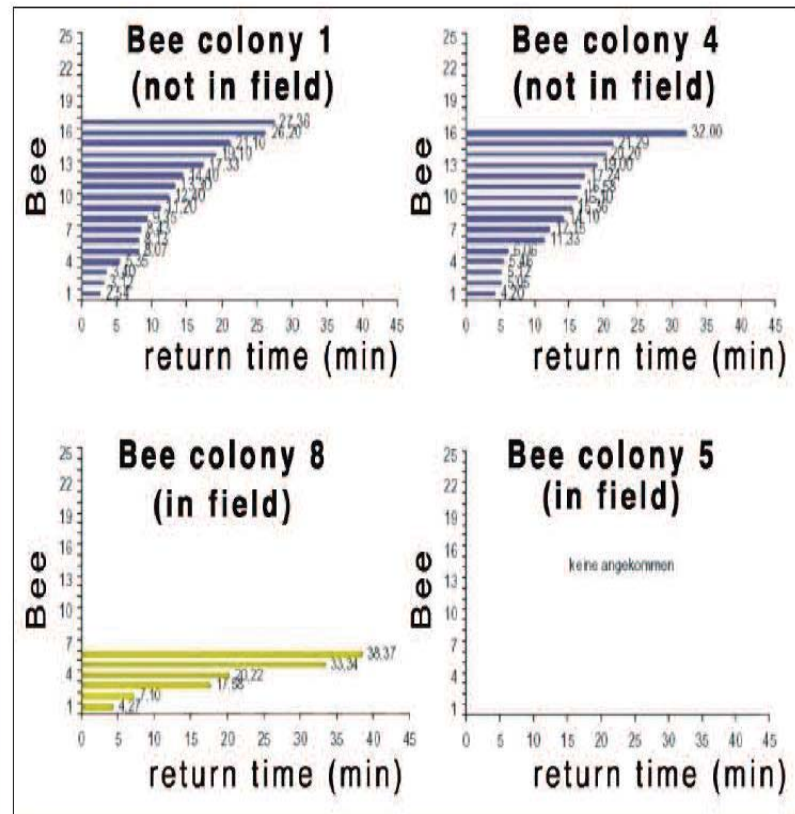
## Mobile radiation causes stress response in bees

- Published April 2011, Swiss Federal Institute of Technology
- Honey bees sensitive to pulsed EM fields generated by mobile phones
- Piping stress response started 30 minutes after onset – 3 minutes to recover
- After 20 hours exposure, 12 hours or more to recover
- Colony Collapse Disorder in 5 to 10 days from exposure

# Electro-pollution kills bees

## Punjab University June 2010

- A recent study at *Punjab University, Mumbai* confirms that **cell phone radiation is negatively affecting bees and part of colony collapse disorder.**
- Bees exposed in the hives to **900 MHz 15 minutes twice per day for 3 months** showed various and serious changes in activity.



## Effect on Environment



### Farm animals -

- Dairy cows – Decreased milk production, spontaneous abortions, reproductive and developmental problems, and general declines in overall health.
- Sheep, dogs, cats, rabbits living near base stations affected.

### Birds –



- Interfere with navigation, reproduction, thin shells.
- London - 75% fall sparrow population.
- **Sparrow - 'Red List'** of endangered avian species.
- Fall in Pigeons, swans, white stork, rock dove

❖ Biological indicators to detect alterations in our ecosystem

## Wi-Fi makes trees sick

Wageningen University, Nov 2010

- Exposed trees for 3 months to various forms of radiation, including Wi-Fi
- Trees exposed to Wi-Fi showed “radiation sickness”, “bleeding”, fissures in bark, death of parts of leaves, abnormal growth
- Preliminary study, not yet published
- Hypothesis is that trees exposed to Wi-Fi experience radiation poisoning as can now be seen in urban areas with high Wi-Fi or cell tower activity. (Netherlands)

# Insurance Coverage Cancelled

- In 2002, *Lloyds of London* insurers cancelled personal liability injury insurance for the telecommunications industry based on perceived future health risks.
- *AUVA – Austrian Insurance Company* has confirmed they will not insure cell phone providers due to “incalculable health risks” and confirm hazardous non-thermal effects.
- **Insurance industry predicts greater risk than asbestos and tobacco combined in future**
- **Risk is shifted from industry to individual sources of wireless exposure**

# Hidden Insurance Risk – Claims Journal

## August 2013

- Landlords who lease space for cell towers are completely unaware of the potential for injury from RF transmitting antennas and that they will be held liable for such injuries.
- Prior to the lease being signed, the cell tower company has a “Duty to Warn” the unsuspecting landlords, and their insurers, of the RF radiation hazards associated with the lessee’s equipment
- However the Industry agenda is never to mention the physical harm to humans that the product produces.
- No business person would trade hundreds of thousands or more in legal fees associated with RF injury, for a few thousand dollars of rental income per month.

# So, who does our Government work for?



# No Science, No Evidence, No Truth

- No funding for independent science leaving industry to produce their own “science”
- Government at war with scientists to control information
- Death of Evidence in Canada



## Wireless and clueless

The studies are out, the jury is in. It's time we looked more carefully at the **matrix** of radiation we play with every day, in the guise of communication

By Nikki Graham

# Does funding affect outcome?

- Dr. Henry Lai, University of Washington, made a study on scientific outcomes with regard to radiofrequency radiation effects:

- **25%** of industry funded science finds biological effects

- **75%** of non-industry funded science find biological effects

# Telecom Industry learned lessons from the Tobacco Industry

## Cell Phones- Cigarettes of 21<sup>st</sup> Century

What do they have in common?

- ✓ Produced by Multi-Billion \$ Companies
- ✓ Products linked to illness
- ✓ Industries deny any health problem

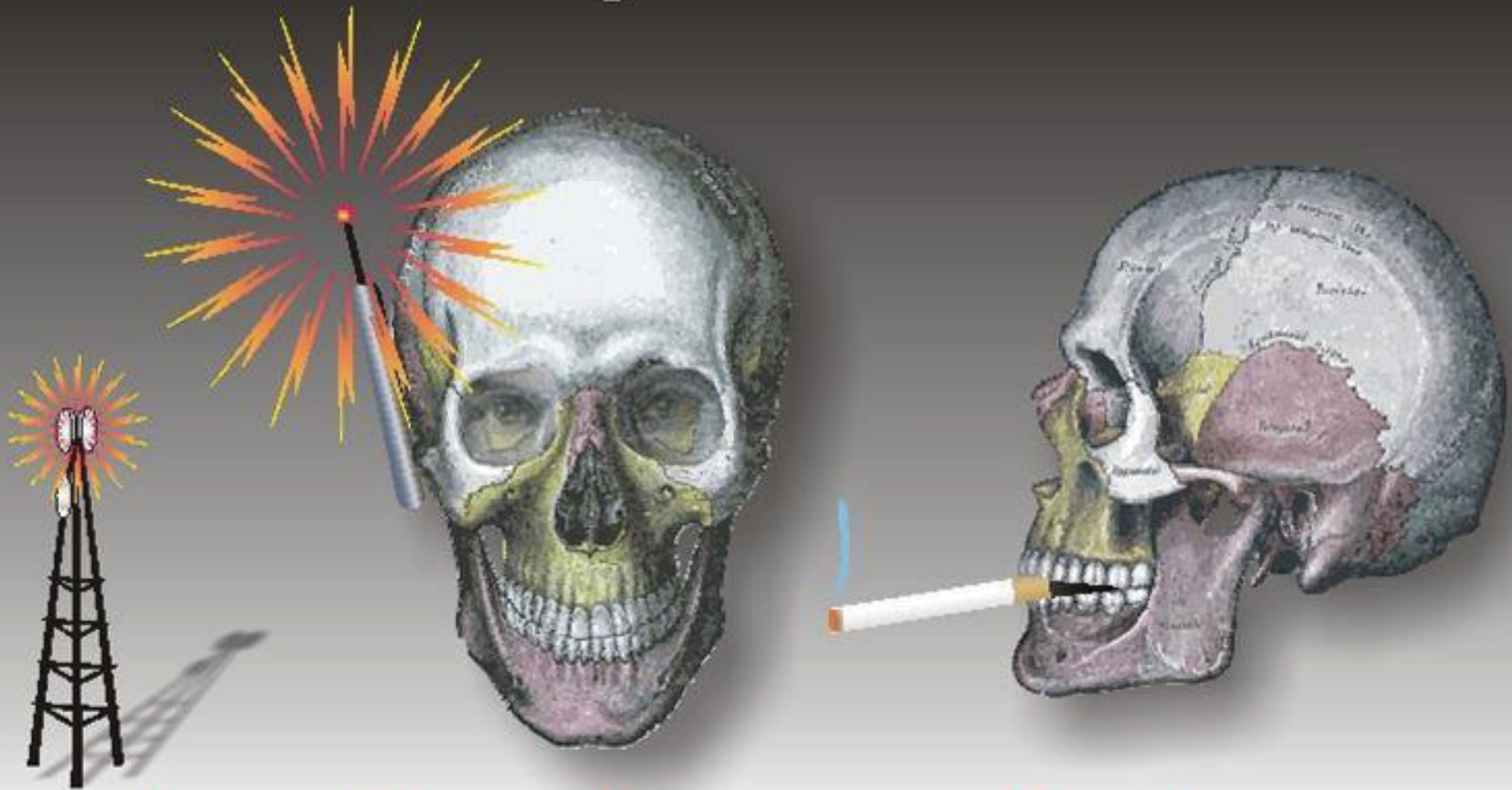


**BlackBerry** [redacted] warns: "...keep the device at least **0.98 inches** (25 mm) from your body . . . and **SHOULD NOT** be worn or carried on the body."

✓ Warnings on cigarette packages, cell phone manufacturers are beginning to put warnings on user manual –

**CELLPHONE USER'S MANUAL:**  
warns customers to keep cellphones away from body.

# Don't worry. Wireless is safe.

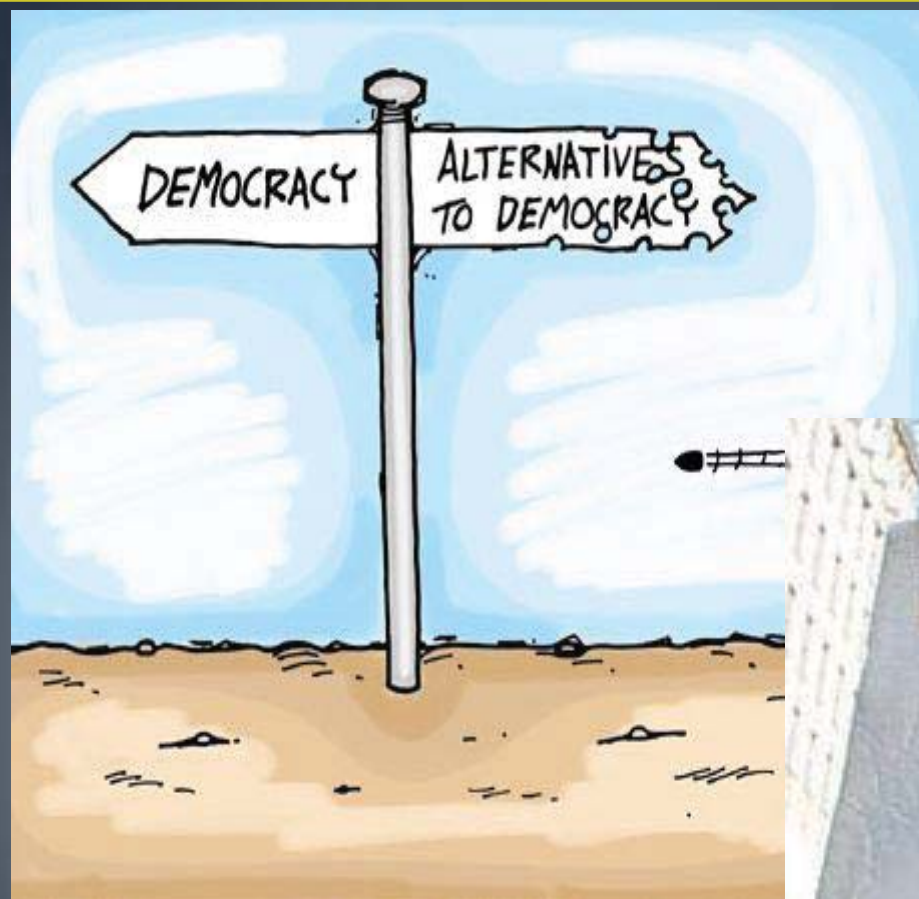


## Just like tobacco and asbestos...

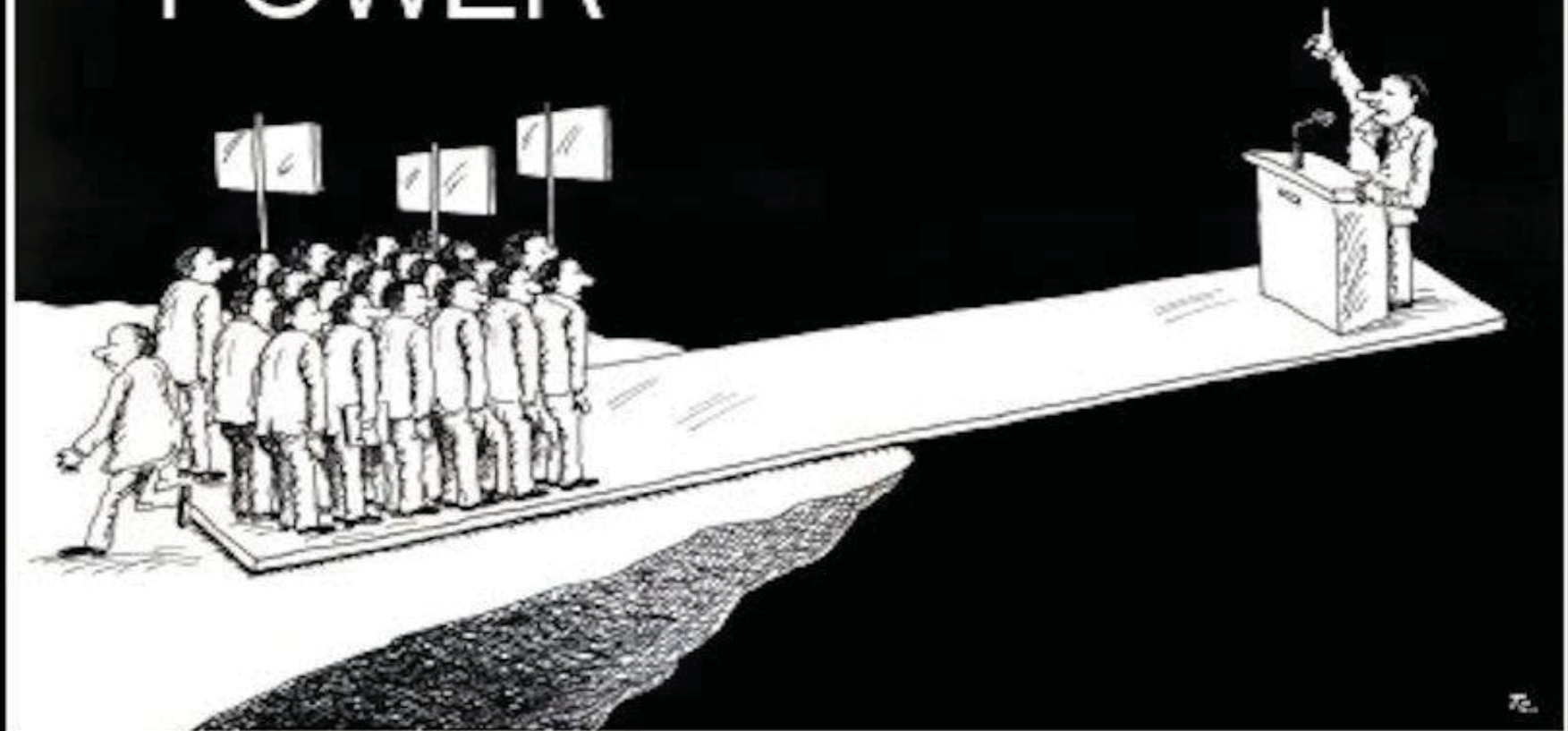
# Who gains if knowledge of health risks is suppressed?

- **Telecom Industry**
- **Government**
- **Corporations (stocks/pensions)**
- **Groups being funded for controlled outcomes**





# POWER



**When we understand this is how it works,  
and not the other way around,  
we'll have found the beginning  
of a solution to our problems.**

*Original artist unknown - edited & spelling correction by Joe's Union Review*

# Movies to Watch

ARE CORPORATIONS PAVING A PERILOUS PATH...  
DIRECTLY INTO OUR HOMES?

*Are we being manipulated, dominated and bilked by BC Hydro?*

## TAKE BACK YOUR POWER

INVESTIGATING THE "SMART" GRID

### Film Showings

Vernon: Schubert Centre 3505 30th Ave. Wed. Nov. 6, 7PM

Penticton: Shatford Centre 760 Main St. Tues. Nov. 12, 7PM

Salmon Arm: Salmar Theatre 360 Alexander St. Fri. Nov. 15, 7PM

Winfield: Creekside Theatre 10241 Bottom Rd. Sun. Nov. 17, 1:30PM

*Tickets \$10 at door    Advance tickets and info 250-550-5499*

**\*\*Resonance**

**\*\*Full Signal**

**\*\*Take Back Your Power**

